| Index of Cla | aims<br>    | 10/8          |       | on/Control No. |   | Applicant(s)/Pa<br>Reexamination<br>LEVIN ET AL. | ı . |
|--------------|-------------|---------------|-------|----------------|---|--|-----|
|              |             | Exan<br>K. Fe | niner |                |   | Art Unit   |     |
| √ Rejected   | (Through nu | ımeral)       | N     | Non-Elected    | A | Appeal   | ]   |
| = Allowed    | ÷ Restrict  | ed            | ı     | Interference   | 0 | Objected   |     |

|       |                  |              | <u> </u> |          |          |          | i            |  |              |                 |   |          |          |          |          |          |          |          |           |                    |          |          | <br>   | 1          |          |          |   |          |          |          |          |          |   |
|-------|------------------|--------------|----------|----------|----------|----------|--------------|--|--------------|-----------------|---|----------|----------|----------|----------|----------|----------|----------|-----------|--------------------|----------|----------|--|------------|----------|----------|---|----------|----------|----------|----------|----------|---|
| Cla   | im               | Date         |          |          |          |          | Claim Date   |  |              |                 |   |          |          |          | Cla      | aim      |          | Date     |           |                    |          |          |  |            |          |          |   |          |          |          |          |          |   |
| Final | Original         |              |          |          |          |          |              |  |              |                 |   | Final    | Original |          |          |          |          |          |           |                    |          |          | Final  | Original   |          |          |   |          |          |          |          |          |   |
|       | 1                | -            |          |          |          | _        |              | -  |              |                 |   |          | 51       |          |          |          |          |          | $\exists$ |                    |          |          |  | 101        | _        |          |   | -        |          |          |          |          |   |
|       | 2                |              |          |          |          |          |              |  |              |                 |   |          | 52       |          |          |          |          | _        |           |                    |          | _        |  | 102        |          |          |   |          |          | _        |          | $\Box$   |   |
|       | 3                |              |          |          |          |          |              | ╙  | _            | Ш               |   |          | 53       |          |          | _        |          | _        |           | _                  |          |          |  | 103        |          |          |   |          |          |          |          |          | _ |
|       | 4                |              | Ш        | _        |          |          |              | _  | _            |                 |   |          | 54       | _        |          | _        |          | _        | _         | _                  |          |          |  | 104        |          |          |   |          |          |          | _        | _        | _ |
|       | 5                |              | Н        | _        | _        |          |              | <u> </u>   | <u> </u>     |                 |   |          | 55       |          |          |          |          |          | $\dashv$  | _                  |          | $\dashv$ |  | 105        |          |          |   | -        | -        |          | _        | $\dashv$ | _ |
|       | 6                |              | Н        | _        | _        |          | <u> </u>     | ├_   | <del> </del> |                 | ! |          | 56<br>57 |          | -        |          |          |          | -         | $\dashv$           |          | -        |  | 106<br>107 |          |          |   |          |          |          | _        | $\dashv$ | _ |
|       | _ <del>7</del> 8 |              | $\vdash$ | $\dashv$ | _        |          |              |  | $\vdash$     | Н               |   |          | 58       |          | $\dashv$ | $\dashv$ | -        | $\dashv$ |           |                    |          |          |  | 108        |          |          |   |          |          |          |          |          | _ |
|       | 9                |              | H        |          | $\dashv$ |          | -            |  | _            |                 |   |          | 59       |          |          |          | -1       |          |           |                    |          | $\dashv$ |  | 109        |          | -        |   | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | _ |
|       | 10               |              | Н        | -        | $\dashv$ |          | <del> </del> | $\vdash$   |              | $\vdash$        |   |          | 60       |          |          |          | -        | -        |           | -                  | -        | _        |  | 110        |          |          |   |          | $\dashv$ |          |          | $\dashv$ | _ |
| _     | 11               | -            |          |          |          |          | $\vdash$     |  | $\vdash$     | $\vdash$        |   |          | 61       |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$           | $\dashv$ | $\dashv$ |  | 111        | $\vdash$ | $\vdash$ |   | $\vdash$ |          | $\dashv$ |          |          |   |
|       | 12               |              | $\vdash$ | -        |          | -        | $\vdash$     | <del>  -  </del>                                 | <del> </del> | H               |   |          | 62       |          | $\vdash$ |          |          | $\dashv$ | ┪         | $\dashv$           | _        |          |  | 112        |          | H        |   | $\vdash$ | $\dashv$ |          | -        | -        |   |
|       | 13               |              | H        | $\dashv$ | $\dashv$ |          |              | <del>                                     </del> |              |                 |   |          | 63       |          | -        | $\neg$   |          | $\neg$   | $\dashv$  | $\dashv$           |          |          |  | 113        |          | Н        |   | $\vdash$ | $\neg$   |          |          | _        | _ |
| _     | 14               |              | -        | _        |          |          |              |  |              | П               |   |          | 64       |          | $\Box$   | $\dashv$ | $\dashv$ | $\neg$   | $\dashv$  | $\dashv$           | $\dashv$ |          |  | 114        |          | $\Box$   |   | $\dashv$ | _        |          |          |          | _ |
|       | 15               |              | $\Box$   |          |          |          |              |  | T            | П               |   |          | 65       |          |          | $\neg$   | $\neg$   | ヿ        | $\dashv$  | $\neg$             | 寸        |          |  | 115        |          | П        |   |          |          |          |          | $\neg$   |   |
|       | 16               |              |          |          |          |          |              |  |              |                 |   |          | 66       |          |          |          |          |          |           |                    |          |          |  | 116        |          |          |   |          |          |          |          |          | _ |
|       | 17               |              |          |          |          |          |              |  |              |                 |   |          | 67       |          |          |          |          |          |           |                    |          |          |  | 117        |          |          |   |          |          |          |          |          |   |
|       | 18               |              |          |          |          |          |              |  |              |                 |   |          | 68       |          |          |          |          | $\Box$   |           |                    |          |          |  | 118        |          |          |   |          |          |          |          |          |   |
|       | 19               |              |          |          |          |          |              |  |              |                 |   |          | 69       |          |          |          |          |          |           |                    |          |          |  | 119        |          |          |   |          |          |          |          |          |   |
|       | 20               |              | Ш        |          | _        |          |              |  |              | Ш               |   |          | 70       |          | _        | _        |          |          |           |                    | _        | $\Box$   |  | 120        |          |          |   |          |          |          |          |          |   |
|       | 21               |              |          |          |          |          |              |  | _            | Ш               |   |          | 71       |          |          | _        |          | _        | _         |                    |          |          |  | 121        |          |          |   |          |          |          |          | _        | _ |
|       | .22              |              |          | _        |          |          |              |  | <u> </u>     |                 |   |          | 72       |          |          | _        | _        | _        | _         |                    | _        | _        |  | 122        |          |          |   |          | _        | ļ        |          | _        |   |
|       | 23               |              | $\sqcup$ | _        |          | _        |              | _  | <u> </u>     |                 |   |          | 73       | _        |          |          |          |          | _         |                    | _        | _        |  | 123        |          |          |   |          | _        | _        | _        | $\dashv$ | _ |
|       | 24               | _            | $\dashv$ | _        | _        |          | _            |  | <u> </u>     | Щ               |   |          | 74       |          | _        |          |          | -        | -         | -                  | -        | ᅴ        |  | 124        |          | Н        |   |          | $\dashv$ | -        | _        | -        | _ |
|       | 25               |              |          | _        | _        | _        |              |  | <u> </u>     | _               |   |          | 75       |          |          |          | -        |          | -         |                    |          | $\dashv$ |  | 125        |          | Ш        |   |          |          | -        |          | _        |   |
|       | 26'              |              | $\perp$  | _        | _        | $\Box$   |              | _  | <u> </u>     | -               |   |          | 76       | _        |          |          |          |          | $\dashv$  |                    | -        | $\dashv$ |  | 126        |          |          |   | _        |          |          |          | -        | _ |
|       | 27               |              | $\dashv$ | $\dashv$ | _        |          |              | -  | -            |                 |   |          | 77       | _        |          |          | $\dashv$ | -        |           | -                  |          | $\dashv$ |  | 127<br>128 | Н        | Н        |   | $\dashv$ |          |          |          | $\dashv$ | _ |
|       | 28<br>29         |              |          | $\dashv$ | -        |          | _            |  | <del> </del> | H               |   |          | 78<br>79 |          |          |          |          | -1       |           |                    | $\dashv$ | $\dashv$ |  | 129        | -        |          |   | $\dashv$ | $\dashv$ |          | -        | -        | _ |
|       | 30               |              | $\dashv$ | -        | $\dashv$ |          | ٠.           | _  | -            |                 |   |          | 80       |          | -        |          | $\dashv$ | $\dashv$ | -         |                    | $\dashv$ | $\dashv$ |  | 130        |          | Н        |   |          |          |          |          | -        |   |
|       | 31               | $\vdash$     | $\dashv$ | $\dashv$ |          | _        |              | -  |              |                 |   |          | 81       | -        |          | ┰        | $\dashv$ | $\dashv$ | -         | $\dashv$           | $\dashv$ | $\dashv$ |  | 131        | $\vdash$ | $\vdash$ |   |          |          | -        |          |          | _ |
|       | 32               |              |          |          | _        |          |              |  | -            |                 |   |          | 82       |          |          | -        | _        | $\dashv$ | _         | $\dashv$           | -        | $\dashv$ |  | 132        | Н        |          |   |          |          | _        |          | $\dashv$ | _ |
| _     | 33               |              | H        | 1        |          |          |              |  | T            | H               |   | $\vdash$ | 83       |          |          | -        | _        | _        | $\dashv$  | $\dashv$           | $\dashv$ | $\dashv$ |  | 133        |          | Н        |   | $\Box$   |          |          |          | $\dashv$ | _ |
|       | 34               |              |          | $\dashv$ | $\neg$   |          |              | П  | T            | $\vdash$        |   |          | 84       | _        |          | $\dashv$ | _        | _        | $\dashv$  | _                  |          |          |  | 134        |          | П        |   |          |          |          |          |          | _ |
|       | 35               |              | П        |          |          |          |              |  |              |                 |   |          | 85       |          |          | $\neg$   | T        |          | 1         |                    |          | $\neg$   |  | 135        |          |          |   |          |          |          |          |          | _ |
|       | 36               |              |          |          |          |          |              |  |              |                 |   |          | 86       |          |          |          |          |          |           |                    |          |          |  | 136        |          |          |   |          |          |          |          |          | _ |
|       | 37               |              |          |          |          |          |              |  |              |                 |   |          | 87       |          |          |          |          |          |           |                    |          |          |  | 137        |          |          |   |          |          |          |          |          |   |
|       | 38               |              |          |          |          |          |              |  |              |                 |   |          | 88       |          |          |          |          |          | $\Box$    |                    |          |          |  | 138        |          |          |   |          |          |          |          |          |   |
| ]     | 39               |              | Ш        |          |          |          |              |  |              |                 |   |          | 89       |          |          |          | $\Box$   | [        |           |                    |          |          |  | 139        |          | Ш        |   |          |          |          |          | [        |   |
|       | 40               | $oxed{\Box}$ | Ш        | _        |          |          |              | L.   | _            | Щ               |   |          | 90       | Щ        |          |          |          |          | _         |                    | [        |          |  | 140        |          | <u> </u> |   |          |          |          |          |          |   |
|       | 41               |              | L        | _        | _        |          | <u> </u>     | <u> </u>   | <u> </u>     | Щ               |   |          | 91       |          |          | _        | _        | _        | _         | _                  | _        | _        | $\Box$   | 141        |          |          |   | $\Box$   |          |          |          | _        |   |
|       | 42               | _            | $\sqcup$ | _        |          |          |              | L  | <u> </u>     |                 |   |          | 92       | H        | $\sqcup$ | _        |          |          | _         | _                  |          | _        |  | 142        |          | Ш        |   |          |          |          |          |          |   |
|       | 43               | <u> </u>     |          | -1       |          | -        |              |  | <del> </del> |                 |   |          | 93       | <u> </u> |          |          |          | $\dashv$ | $\dashv$  |                    |          |          |  | 143        | $\vdash$ | Ш        |   |          |          | _        |          | _        | _ |
|       | 44               |              | $\vdash$ |          | $\dashv$ |          | <u> </u>     | -  |              | $\vdash \vdash$ |   |          | 94       |          | -        |          | _        | $\dashv$ | -         |                    |          |          |  | 144        | $\vdash$ | Н        |   |          |          |          |          |          | _ |
|       | 45               |              |          |          | $\dashv$ | _        | ļ            | <del> </del>                                     | ├            |                 |   |          | 95       | <u> </u> |          | _        |          |          |           | _                  |          | _        | $\vdash$   | 145        |          |          |   | <u> </u> |          | -        |          |          |   |
|       | 46<br>47         | $\vdash$     | $\vdash$ | $\dashv$ | $\dashv$ | $\vdash$ | _            | $\vdash$   | ⊢            | $\vdash \vdash$ |   |          | 96<br>97 | -        |          |          |          |          | $\dashv$  |                    |          | 긕        |  | 146        |          | $\vdash$ |   | $\vdash$ | -        | $\dashv$ |          |          | _ |
|       | 48               | <del> </del> | $\vdash$ | $\dashv$ | $\dashv$ |          | $\vdash$     | ⊢  | -            | $\vdash$        |   |          | 98       | -        |          |          | -        |          |           | $\overline{\cdot}$ | +        | $\dashv$ | $\vdash$   | 147<br>148 | $\vdash$ | $\vdash$ |   |          |          |          | $\vdash$ |          | _ |
| -     | 49               | $\vdash$     | $\vdash$ | $\dashv$ | $\dashv$ | Н        | <u> </u>     |  | ├            | $\vdash$        |   | $\vdash$ | 99       |          |          | $\dashv$ | $\dashv$ |          | $\dashv$  | -                  | $\dashv$ | $\dashv$ | <del>  </del>                                    | 148        |          | Н        |   | $\vdash$ | $\vdash$ | $\dashv$ |          | -        | _ |
|       | 50               |              |          |          |          |          | $\vdash$     | $\vdash$   | $\vdash$     | H               |   | -        | 100      |          |          | $\dashv$ | $\dashv$ |          | $\dashv$  | $\dashv$           | $\dashv$ | $\dashv$ | <del>                                     </del> | 150        | $\vdash$ | $\vdash$ | - |          | $\vdash$ |          | $\vdash$ | $\dashv$ | _ |
| - 1   | ~                | i l          |          | - 1      | - 1      | i 1      |              |  |              |                 |   |          |          |          |          |          |          |          | - 1       |                    | - 1      | - 1      | <br>   | 130        |          |          |   |          |          | - 1      |          |          |   |